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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/703,479	10/31/2000	Magnus Tillgren	34650-655PT	2185

7590 03/18/2005

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EXAMINER
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NGUYEN, JENNIFER T

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 03/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

12/4

<b>Office Action Summary</b>	<b>Application No.</b> 09/703,479	<b>Applicant(s)</b> TILLGREN ET AL.	
	<b>Examiner</b> Jennifer T Nguyen	<b>Art Unit</b> 2674	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on RCE filed 12/06/2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/06/04</u> . | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This Office action is responsive to amendment filed on 12/06/2004.

#### *Drawings*

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the “memory in the electronic reading device” in the amended claim 1 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dymetman et al. (Patent No. US 6,330,976) in view of Matsui (Patent No. US 5,897,669).

Regarding claims 1 and 23, referring to Figs. 1, 4, 8, and 9, Dymetman teaches an electronic reading system, comprising: a formatted surface (2) (Fig. 1) having an area (i.e., active region) that includes a specific part of an address pattern, wherein a unique position on the address pattern can be identified from an examination of a portion of the address pattern; an electronic reading device (502) (Fig. 1) including a sensor (802) (Fig. 8) for detecting at least a portion of the specific part of the address pattern; and a server (4) associated with the specific part of the address pattern for receiving a message from the electronic reading device (502), said message sent in response to said detection, and for performing a function in response to said message; and wherein the electronic reading device (502) further includes a memory (806) (Fig. 8), the grid description associating an action to be performed by the electronic reading device with the specific part of the address pattern (col. 8, line 45 to col. 9, line 5, col. 10, lines 11-67, col. 14, lines 5-45, and col. 23, line 46 to col. 24, line 12).

Dymetman differs from claims 1 and 23 in that he does not specifically teach the memory adapted to store a grid description. However, referring to Fig. 1B, Matsui teaches a memory (36) adapted to store a grid description (Figs. 12 and 14) (col. 10, lines 46-57). Therefore, it would

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have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the memory adapted to store a grid description as taught by Matsui in the system of Dymetman in order to store the address information accurately and improve the interaction of the electronic reading device with the address pattern.

Regarding claim 2, Dymetman further teaches the address pattern comprises a pattern of dots (i.e., cells or zones) (col. 11, lines 1-27 and col. 13, lines 1-32).

Regarding claims 3-6, Dymetman further teaches the area of the formatted surface further includes printed hyperlink identification information (col. 24, lines 1-64).

Regarding claim 7, Dymetman further teaches the function comprises sending information associated with the specific part of the address pattern to an email address associated with a user of the electronic reading device (col. 35, lines 1-19).

Regarding claim 8, Dymetman further teaches the electronic reading device further includes a radio transmitter for sending data relating to the detected specific part of the address pattern to the server (Fig. 8) (col. 15, line 29 to col. 16, line 10).

Regarding claims 9-11, Dymetman further teaches a mobile station for receiving said data and for sending said message to the server (col. 24, lines 1-64).

Regarding claim 12, Dymetman further teaches the electronic reading device sends data relating to the detected specific part of the address pattern to the server using one of an infrared data transmission, inductive coupling, and a cable connection (col. 6, lines 55-65 and from col. 15, line 29 to col. 16, line 10).

Regarding claims 13-22 and 24-33, Dymetman further teaches the specific part of the address pattern relates to a product, printed publication, a business card, a transportation

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timetable, an identification of the object, an authentication of the object, office message state, geographical location, an indication that the specific part of the address pattern has been detected by the electronic reading device (from col. 31, line 41 to col. 32, line 34 and from col. 33, line 59 to col. 35, line 19).

Regarding to claims 34 and 35, Dymetman teaches a client (4) adapted to receive a grid description request from the electronic reading device (502), and provide the grid description to the electronic reading device in response to the grid description request (col. 9, lines 6-55 and col. 18, line 8 to col. 19, line 14).

5. Applicant's arguments with respect to claims 1-35 have been considered but are moot in view of the new ground(s) of rejection.

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer T Nguyen whose telephone number is 572-272-7696. The examiner can normally be reached on Mon-Fri: 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick N. Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR


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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JNguyen  
03/09/2005

  
REGINA LIANG  
PRIMARY EXAMINER